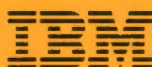


**IBM Personal System/2
Facts and Features**

PS/2 it!

March 1990

The IBM logo, consisting of the letters "IBM" in a stylized, horizontally-striped font.

Use this handy reference to make quick comparisons of IBM Personal System/2® models—and check their options, too. It presents basic facts and features—as well as attachment cards and enhancement products—for the entire PS/2® family.

Personal System/2 model comparisons



Personal System/2 Model

Machine numbers

25

30

30 286

Processor

Co-Processor (optional)

Speed (MHz)

8086

8087

8

8086

8087

8

80286

80287

10

Data path

Power supply

User memory (RAM)³

Standard—maximum on system board

512Kb–640Kb

640Kb

1Mb–4Mb

System maximum (addressable)

640Kb

640Kb

16Mb

Integrated functions

Parallel/serial/pointing device ports

Graphics port

Disk/diskette controllers

Clock/calendar

Security password

Yes

MCGA

Yes

No

No

Yes

MCGA

Yes

Yes

No

Yes

VGA

Yes

Yes

Yes

Expansion slots (available)

2⁴

3

3

Operating systems

DOS 3.3 and DOS 4.0

Operating System/2™

AIX™ Personal System/2

Yes

No

No

Yes

No

No

Yes

Yes⁵

No

Diskette drives, 3.5-inch

Capacity

720Kb

720Kb

1.44Mb

Fixed disk storage

Standard—maximum (Mb)

0–20

0–30 (-001)

20 (-021)

0–30 (-E01)

20 (-E21)

30 (-E31)

Access time

80ms

39ms (-001)

27ms (-021)

39ms (-E01)

27ms (-E21, -E31)

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¹ Also available as LAN Station Models 25-L01 and -L04 from IBM dealers only.

² Processor upgrade (-A61, -A21).

³ 128Kb of this memory is reserved for hardware system use on Models 55 SX, P70 386, 70 386, 70 486, 80 386 (8580-111, -311).



50 Z	55 SX	60	65 SX	P70 386	70 386
8550-031, -061	8555-031, -061	8560-041, -071	8565-061, -121	8573-031, -061, -121	8570-E61, -061, -121, -A61, -A21
80286 80287 10	80386SX™ 80387SX 16	80286 80287 10	80386SX 80387SX 16	80386™ 80387 16 (-031) 20 (-061, -121)	80386/i486™2 80387 16 (-E61) 20 (-061, -121) 25 (-A61, -A21)
16-bit	16-bit	16-bit	16-bit	32-bit	32-bit
94-watt	90-watt	207-watt	250-watt	85-watt	132-watt
1Mb-2Mb	2Mb-8Mb	1Mb	2Mb-8Mb	2Mb-4Mb (-031) 4Mb-8Mb (-061, -121)	2Mb-6Mb (-E61, -061, -121) 2Mb-8Mb (-A61, -A21)
16Mb	16Mb	16Mb	16Mb	16Mb	16Mb
Yes VGA Yes Yes Yes	Yes VGA Yes Yes Yes	Yes VGA Yes Yes Yes	Yes VGA Yes ⁷ Yes Yes	Yes VGA Yes Yes Yes	Yes VGA Yes Yes Yes
3	3	7	7	2 ⁴	3
Yes Yes No	Yes Yes Yes	Yes Yes No	Yes Yes Yes ⁶	Yes Yes Yes	Yes Yes Yes
1.44Mb	1.44Mb	1.44Mb	1.44Mb	1.44Mb	1.44Mb
30 (-031) 60 (-061)	30 (-031) 60 (-061)	44-684 (-041) 70-710 (-071)	60-1Gb (-061) 120-1.1Gb (-121)	30 (-031) 60 (-061) 120 (-121)	60 (-E61, -061, -A61) 120 (-121, -A21)
39ms (-031) 27ms (-061)	39ms (-031) 27ms (-061)	40ms (-041) 30ms (-071)	23ms	19ms (-031) 27ms (-061) 23ms (-121)	27ms (-E61, -061, -A61) 23ms (-121, -A21)

⁴ One full-size, one half-size.

⁵ Entry-level environment only.

⁶ AIX PS/2 Operating System available 9/90.

⁷ Model 65 SX and Model 80 386 (-121, -321, -A21, -A31) have built-in SCSI adapters; all other supported models must have SCSI adapter installed.



70 486

8570-B61, -B21

i486
Built-in

25

32-bit

132-watt

2Mb-8Mb

16Mb

Yes
VGA
Yes
Yes
Yes

3

Yes
Yes
Yes

1.44Mb

60 (-B61)
120 (-B21)

23ms

80 386

8580-041, -071, -111, -311,
-121, -321, -A21, -A31

80386
80387

16 (-041, -071)
20 (-311, -111, -121, -321)
25 (-A21, -A31)

32-bit

225-watt
242-watt (-A21, -A31)

1Mb-2Mb (-041)
2Mb (-071)
2Mb-4Mb (-111, -311)
2Mb-4Mb (-121, -321)
4Mb-8Mb (-A21, -A31)

16Mb

Yes
VGA
Yes⁷
Yes
Yes

7

Yes
Yes
Yes

1.44Mb

44-684 (-041)
70-710 (-071)
115-755 (-111)
120-1.3Gb (-121, -A21)
314-954 (-311)
320-1.3Gb (-321, -A31)

40ms (-041)
30ms (-071)
28ms (-111)
23ms (-311, -121, -A21)
12.5ms (-321, -A31)

IBM PS/2 options

Personal System/2 Model	25	30	30 286	50 Z	55 SX	60	65 SX	P70 386	70 386	70 486	80 386
Processors											
486/25 Power Platform									2		
Co-Processors											
PS/2 Wizard Adapter											
Memory											
128Kb Memory Expansion	■										
2Mb Expanded Memory Adapter	■	■									
Multifunction Adapter			■								
80286 Memory Expansion				■		■					
2-8Mb 80286 Memory Expansion				■	■		■				
2-8Mb 80386 Memory Expansion								■	■	■	■
Enhanced 80386 Memory Expansion								■	■	■	■
Storage Devices											
3.5-inch 720Kb Diskette Drive	■	■									
3.5-inch 1.44Mb Diskette Drive			■	■		■	■		■	■	■
5.25" Internal Diskette Drive							■				■
5.25" External Diskette Drive (360Kb)	■	■	■	■	■	■	■	■	■	■	■
5.25" External Diskette Drive (1.2Mb)				■	■	■	■				
3.5-inch 20Mb Fixed Disk	■	■	■			■	■	■	■	■	■
3.5-inch 30Mb Fixed Disk		■	■								
3.5-inch 60Mb SCSI Fixed Disk ⁷						■	■				■
3.5-inch 120Mb SCSI Fixed Disk ⁷							■				■
3.5-inch 320Mb SCSI Fixed Disk ⁷						■	■				■
5.25-inch 44Mb Fixed Disk						■					■
5.25-inch 70Mb Fixed Disk						■					■
5.25-inch 115Mb Fixed Disk						■					■
5.25-inch 314Mb Fixed Disk											■
CD-ROM Drive (Internal)						■	■				■
External CD-ROM Drive				■	■	■	■	■	■	■	■
6157 Streaming Tape Drive		■	■	■	■	■	■	■	■	■	■
Internal Tape Backup Unit				■	■	■	■	■	■	■	■
3363 Optical Disk Drive		■	■	■	■	■	■	■	■	■	■
Displays											
Monochrome Displays: 8503, 8506, 8507, 8508		■	■	■	■	■	■	■	■	■	■
Color Displays: 8512, 8513, 8514, 8515			■	■	■	■	■	■	■	■	■
Printers/Plotters/Scanners											
Proprinter™ Family	■	■	■	■	■	■	■	■	■	■	■
4019 LaserPrinter and LaserPrinter E	■	■	■	■	■	■	■	■	■	■	■
Quickwriter® Family	■	■	■	■	■	■	■	■	■	■	■
Quietwriter® Family	■	■	■	■	■	■	■	■	■	■	■
3812, 3816 Page Printer	■	■	■	■	■	■	■	■	■	■	■
4216 Personal Page Printer II	■	■	■	■	■	■	■	■	■	■	■
3117, 3118 Scanners	■	■	■	■	■	■	■	■	■	■	■
3119 PageScanner™	■	■	■	■	■	■	■	■	■	■	■
618x Color Plotter	■	■	■	■	■	■	■	■	■	■	■
737x Color Plotter	■	■	■	■	■	■	■	■	■	■	■
Connectivity											
Token-Ring Network PC Adapter	■	■	■								
Token-Ring Network Adapter/A				■	■	■	■	■	■	■	■
Token-Ring Network 16/4 Adapter	■	■	■								
Token-Ring Network 16/4 Adapter/A				■	■	■	■	■	■	■	■
Token-Ring Network Trace and Performance Adapter II	■	■	■								
Token-Ring Network Trace and Performance Adapter II/A				■	■	■	■	■	■	■	■
PC Network Adapter II	■	■	■								
PC Network Adapter II/A				■	■	■	■	■	■	■	■
PC Network Baseband Adapter	■	■	■								
PC Network Baseband Adapter/A				■	■	■	■	■	■	■	■
PC Network Adapter II Frequency 2, 3	■	■	■								
PC Network Adapter II/A Frequency 2, 3				■	■	■	■	■	■	■	■
Multi-Protocol Adapter/A				■	■	■	■	■	■	■	■
Dual Async Adapter/A				■	■	■	■	■	■	■	■

[illegible]



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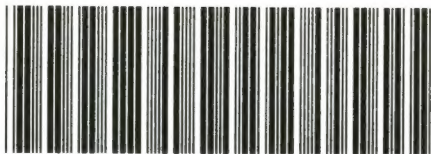
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